

Welcome to KFUPM

Dr. Faris Abualnaja

Assistant Professor

Electrical Engineering Department

Affiliated with Interdisciplinary Research for Intelligent Secure Systems



Education:

PhD. from Imperial College
London, UK, 2021

Previous Institution:

University of Cambridge,
UK, Research Associate,
2023-2025

Research Profile (SCOPUS):

Total Citations: **106**

Total Journal Publications: **11**

H-index: **6**

Professional Interests:

Quantum Technologies: Quantum Computing, Information, Sensors, and Devices; Nanofabrication and -devices; Low-dimensional materials.

About Dr. Abualnaja:

Dr Faris Abualnaja is an expert in nanoscale quantum-electronic and optoelectronic devices, with research spanning quantum technologies, nanofabrication, and low-dimensional materials. His work focuses on devices that exploit quantum effects for applications including quantum computation and information, single-photon detection, quantum sensing, neuromorphic systems, and next-generation optoelectronics.